

AP Calculus AB/BC 2020 Summer Reading Assignment

1. In order to complete the AP Calculus AB/BC Summer Reading Assignment, you will need to access our new textbook online using this website:

<https://macmillan.box.com/v/Sullivan-Miranda-AP-3e-Summer>

2. It will prompt you for a password. Enter **SMCalcAP3eSmr20**

3. Read Sections 1 – 7 from Chapter P and complete the “Concepts and Vocabulary” questions from each section:

- a. P.1 #1-12 (page 14)
- b. P.2 #1-10 (page 25)
- c. P.3 #1-10 (page 34)
- d. P.4 #1-8 (page 40)
- e. P.5 #1-16 (page 51)
- f. P.6 #1-12 (page 59)
- g. P.7 #1-8 (page 66)

4. ****BC ONLY**** Read Section 8 from Chapter P and complete Questions #1-10 on Page 74.

5. Read Sections 1 – 4 from Appendix A (found in “Backmatter” section of book site)

- a. A.1: Algebra Used in Calculus
- b. A.2: Geometry Used in Calculus
- c. A.3: Analytic Geometry Used in Calculus
- d. A.4: Trigonometry Used in Calculus

6. ****BC ONLY**** Read Sections A.5 and A.6

- a. Answer questions #1-6 on Page A46
- b. Answer questions #1-8 on Page A58

You may type or handwrite your answers. Feel free to take notes on the concepts that you need reinforced. Keep a list of questions from your reading to discuss in class when we return to school in the fall. All of the information presented in these chapters is prerequisite for AP Calculus. Your success in AP Calculus depends on how well you know this material. A test will be given on the summer material after the due date. I am looking forward to seeing you next year!